(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 17 June 2004 (17.06.2004)

PCT

(10) International Publication Number WO 2004/051096 A1

(51) International Patent Classification⁷: B64C 1/00

F16B 11/00,

(74) Agent: GROUP IP DEPARTMENT; BAE Systems plc. Lancaster House, P.O. Box \$7, Farnborough Aerospace Centre, Farnborough, Hampshire GU14 6YU (GB).

(81) Designated States (national): AE. AG, AL, AM, AT, AU,

AZ. BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,

GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,

KZ. LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU,

SC. SD, SE. SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,

(21) International Application Number:

PCT/GB2003/005137

(22) International Filing Date: 25 November 2003 (25.11.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0228109.5

3 December 2002 (03.12.2002) GB

(84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM). European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(71) Applicant (for all designated States except US): BAE SYSTEMS PLC [GB/GB]; 6 Carlton Gardens, London SW1Y 5AD (GB).

(72) Inventors; and

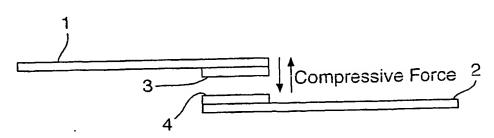
(75) Inventors/Applicants (for US only): WEST, Colin, John [GB/GB]; Airbus UK Limited, Building 07C. Filton, Bristol BS99 7AR (GB). TAYLOR, Michael, Anthony [GB/GB]; Airbus UK Limited, Building 07C, Filton, Bristol BS99 7AR (GB).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ASSEMBLY OF SEALED COMPONENTS



(57) Abstract: A method of assembling components together in sealed relationship and an assembly of two components (1,2) for forming a fluid-tight seal together are provided. The method includes applying to at least one mating surface a layer of polysulphide sealant (3,4) and allowing it to cure before bringing together the mating surfaces under a moderate pre-determined pressure for a pre-determined length of time whereby to bring about a sealed joint between the two mating surfaces.

